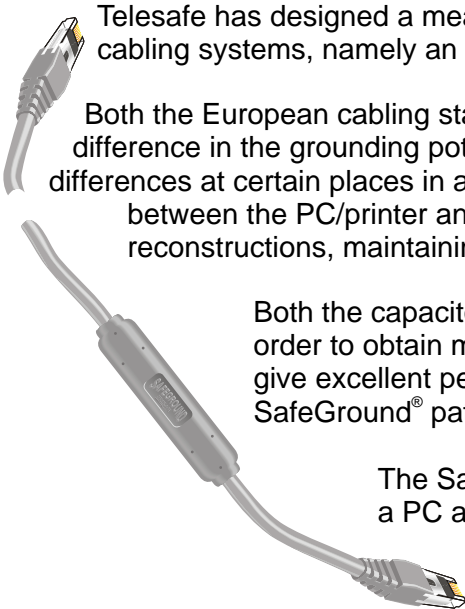


# SafeGround®

**A grounding potential discriminator that prevents ground loops in your STP cabling systems**

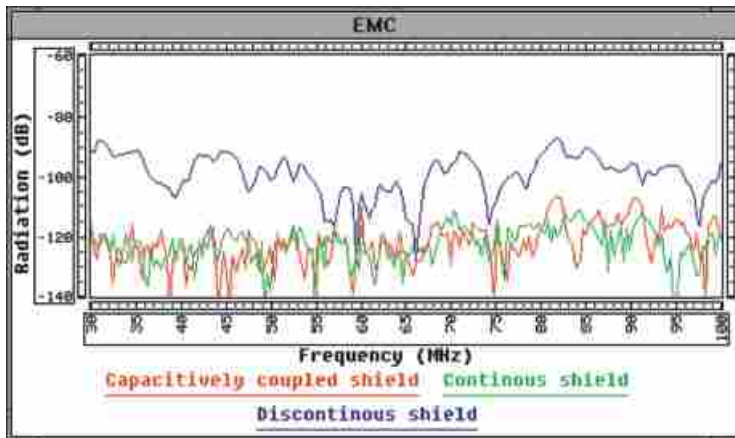


Telesafe has designed a means to solve the returning problem by many installations of shielded cabling systems, namely an earth potential difference between two points in a building.

Both the European cabling standard EN50173 and ISO/IEC11801 specify that the maximum difference in the grounding potential is 1 Volt. When a grounding problem occurs due to potential differences at certain places in a building, a SafeGround® patch cord with a built in capacitor between the PC/printer and the wall outlet, will eliminate the problem without major reconstructions, maintaining the shielding performance (EMC) of the cabling.

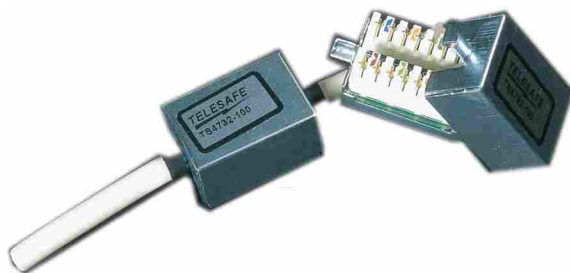
Both the capacitor and the plugs in both ends of the patch cable are moulded in order to obtain maximum durability of the cable. The moulding process has proven to give excellent performance for all types of patch cables thus constituting the SafeGround® patch cables as high performance Category 5 patch cable.

The SafeGround® patch cable is intended for use on the user side between a PC and a wall outlet.



The diagram shows the level of radiation from three different cables: One with continuous shield, one with discontinuous shield and one with a capacitively coupled shield. The SafeGround® cable proves radiation on the same level as the one with a continuous shield.

# Copper Splicing Box



Telesafes Splice Box is a small and tiny steel-encased box for extending cables that are short or connecting any pre-cabled modules. The box maintains a Class D or Class E performance of an installation. There is no measurable difference in the cable performance. Shielding continuity is ensured through a steel strain relief that guarantees full EMC performance.

For ordering information, see next page

## Ordering information

**SafeGround®**

SafeGround® cable, 3 meter  
SafeGround® cable, 5 meter

4791-1230  
4791-1250

**Copper Splicing Box**

5732 - 100

**Producer:**

Telesafe AS  
P.O. Box 384, 1372 ASKER, Norway  
Phone: +47 66 76 06 00 Fax: +47 66 76 06 01  
E-mail: [sales@telesafe.no](mailto:sales@telesafe.no)  
Internet: [www.telesafe.com](http://www.telesafe.com)

**Distributor:**